

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06275-514US1	Application No. 10/581,143
		Applicant Michael Butters et al.	
		Filing Date February 14, 2007	Group Art Unit 1624

**Information Disclosure Statement
by Applicant**
(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	ALLLL	Ahmed et al., "Novel synthesis of 1-aryl-9-alkyl-2,3,3a,4,9,9a-hexahydro-1H-pyrrolo[2,3-b]quinoxalines by lithium aluminum hydride reduction of N-phenyl-1-benzimidazolylsuccinimides", CAPLUS 79:92106 (1973)
	AMMMM	Baly et al., "Biological Assays for C-X-C Chemokines", <i>Methods in Enzymology</i> 287:69-88 (1997)
	ANNNN	Baxter et al., "Hit-to-Lead Studies: The Discovery of Potent, Orally Bioavailable Thiazolopyrimidine CXCR2 Receptor Antagonists", <i>Bioorg. Med. Chem. Lett.</i> 16(4):90-963 (2006)
	AOOOO	Berge et al., "Pharmaceutical Salts", <i>J. Pharm. Sci.</i> 66:1-19 (1977)
	APPPP	Bodor et al., "Chemical Approaches to Drug Delivery", in: <i>Encyclopedia of Controlled Drug Delivery</i> (1999 ed.), pp. 285-298
	AQQQQ	CAPLUS, Accession No. 2000:76301, Document No. 132:98128, "Antiinflammatory and analgesic capsules containing betamethasone, vitamin B6, dihydrochlorothiazide and triamterene".
	ARRRR	Chemcats, Accession No. 2001:1442861, "4, 7-Pteridinediamine, 9-phenyl-2-[(phenylmethyl)thio]-", CAS Registry 343347-55-7 (July 1, 2001)
	ASSSS	Chemical Abstracts, Volume 54, No. 10, May 1960, Abstract No. 9933f, C. Wayne Noell and Roland K. Robins, "Potential Purine Antagonists XVII. Synthesis of 2-methyl and 2-methylthio-6, 8-disubstituted purines", see formula III when R-SMe, R1=C1, R2=OH
	ATTTT	Cohen et al., "Cytokine function: A study in biologic diversity", CAPLUS 125:31527 (1996)
	AUUUU	Cowley et al., "Preparation of 1-(3-phenyloxypropyl)piperidine derivatives as opioid receptor ligands", CAPLUS 138:39189 (2002)
	AVVVV	Faubl, "Preparation of 5-Tetrazolyl Groups from Carboxylic Acids. A Sequence Amenable to Sensitive Substrates", <i>Tetrahedron Letters</i> 6:491-494 (1979)
	AWWWW	Finke et al., "Preparation of piperidinylmethylcyclopentanes as modulators of CCR-5 and/or CCR-3 chemokine receptors", CAPLUS 134:56576 (2000) CAS Listing, 77 answers
	AXXXX	Fukuda et al., "Preparation of benzotriazole derivatives as cardiovascular agents and antipsychotics", CAPLUS 123:340149 (1995)
	AYYYY	Gavezzotti, "Are Crystal Structures Predictable?", <i>Acc. Chem. Res.</i> 27:309-314 (1994)
	AZZZZ	Gewald et al., "New Synthesis of Substituted 4-Amino-quinazolines and Their Heteroanaloga", <i>J. prakt. Chem.</i> 338:206-213 (1996)

Examiner Signature	/Jeffrey Murray/	Date Considered	07/28/2008
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	AAAAAA	Grant, "University of Minnesota--Twin Cities Campus College of Pharmacy, Annual Report", [online] 1999, [retrieve on 2/13/03]. Retrieved from the internet, http://www.msi.umn.edu/general/Reports/ar99/departments/pharmacy.html
	ABBBBB	Grohe et al., "Cycloacylation of Enamines. I. - Synthesis of 2-Thiazolone Derivatives", <i>Liebigs Ann. Chem.</i> 1018-1024 (1973)
	ACCCCC	Kiriasis et al., "Synthesis and Properties of New Pteridine Nucleosides", <i>Dev. Biochem.</i> 4:49-53 (1978)
	ADDDDD	Lee et al., "Characterization of Two High Affinity Human Interleukin-8 Receptors", <i>J. Biol. Chem.</i> 267:16283-16287 (1992)
	AEEEEEE	McNaught et al., "IUPAC Compendium of Chemical Terminology, 2 nd Ed" (1997)
	AFFFFFF	Merritt et al., "Use of fluo-3 to measure cytosolic Ca ²⁺ in platelets and neutrophils: Loading cells with the dye, calibration of traces, measurements in the presence of plasma, and buffering of cytosolic Ca ²⁺ ", <i>Biochem. J.</i> 269:513-519 (1990)
	AGGGGG	Murdoch and Finn, "Chemokine receptors and their role in inflammation and infectious diseases", <i>Blood</i> 95:3032 (3043 (2000))
	AHHHHH	Nagahara et al., "Thiazolo[4,5-d]pyrimidine Nucleosides. The Synthesis of Certain 3-β-D-Ribofuranosylthiazolo[4,5-d]pyrimidines as Potential Immunotherapeutic Agents", <i>J. Med. Chem.</i> 33:407-415 (1990)
	AIIIII	Ott et al., "4-amino-7, 8-dihydro-2-(methylmercapto)-8-β, -D-ribofuranosylpteridine-7-One. Modified Fusion Reaction with Trimethylsilylated Pteridine Derivatives", <i>Nucl. Acid. Chem.</i> 2:735-739 (1978)
	AJJJJJ	Ott et al., "Zur Synthese des 4-Amino-7-oxo-7, 8-dihydropteridin-N-8-β-D-ribofuranosids - ein strukturanaloges Nucleosid des Adenosins", <i>Chem.Ber.</i> 107:339-361 (1974)
	AKKKKK	Pachter and Nemeth, "Pteridines. I. Synthesis of Some 6-Alkyl-7-aminopteridines from Nitrosopyrimidines", <i>J. Org. Chem.</i> 28:1187-1191 (1963)
	ALLLLL	Patent Abstracts of Japan, abstract of JP-5-202047 A (Chugai Pharmaceut. Co. Ltd.) 10 August 1993
	AMMMMM	Power et al., "Differential Histopathology and Chemokine Gene Expression in Lung Tissues following Respiratory Syncytial Virus (RSV) Challenge of Formalin-Inactivated RSV- or BGG2Na-Immunized Mice", <i>J. Virol.</i> 75:12421-12430 (2001)
	ANNNNN	Sato et al., "Psychotropic Agents. 3. 4-(4-Substituted piperidinyl)-1-(4-fluorophenyl)-1-butanones with Potent Neuroleptic Activity," <i>Journal of Medicinal Chemistry</i> 21(11):1116-1120 (1978)
	AOOOOO	Souillac et al., "Characterization of Delivery Systems, Differential Scanning Calorimetry", in: <i>Encyclopedia of Controlled Drug Delivery</i> (1999 ed.), pp. 212-227
	APPPPP	Spickett and Timmis, "The Synthesis of Compounds with Potential Anti-folic Acid Activity. Part 1. 7-Amino- and 7-Hydroxy-pteridines", <i>J. Chem. Soc.</i> pp. 2887-2895 (1954)
	AQQQQQ	Taylor et al., "Molecular Determinants for Recognition of RU 24969 Analogs at Central 5-Hydroxytryptamine Recognition Sites: Use of a Bilinear Function and Substituent Volumes to Describe Steric Fit", <i>Molecular Pharmacology</i> 32:42-53 (1988)
	ARRRRR	Teranishi et al., "Piperidine derivatives and pharmaceutical compositions containing them", <i>CAPLUS</i> 95:132947 (1981)

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	ASSSSS	Trivedi et al., "SECTION IV. IMMUNOLOGY, ENDOCRINOLOGY AND METABOLIC DISEASES", <i>Annual Reports in Medicinal Chemistry</i> 35:191-200 (2000)
	ATTTTT	Vandenberk et al., "1-(Benzazolyalkyl)piperidines and their salts with acids", CAPLUS 87:23274 (1977)
	AUUUUU	Vartanyan et al., "Synthesis and biological activity of 1-substituted benzimidazole and benztriazole derivatives", CAPLUS 98:4503 (1983)
	AVVVVV	Weinstock et al., "Pteridines. XII. Structure-Activity Relationships of Some Pteridine Diuretics", <i>J. Med. Chem.</i> 11(3):573-579 (1968)
	AWWWWW	West, "Solid State Chemistry and its applications", Wiley, New York, pages 358 & 365 (1988)
	AXXXXX	Wu et al., "Synthesis of Furanonaphthoquinones with Hydroxyamino Side Chains", <i>J. Nat. Prod.</i> 62:963-968 (1999)

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